

Independent Investigator Proposal and Request for Beamtime

ADVANCED LIGHT SOURCE

Lawrence Berkeley National Laboratory

Proposal #

(to be assigned by the ALS)

PLEASE MAIL or FAX ONE (1) COPY OF THE PROPOSAL TO:

Ruth Pepe, User Administrator
Advanced Light Source, 80-101
Lawrence Berkeley National Laboratory, Berkeley, CA 94720
(510) 486-5268; FAX (510) 486-4773

1. **Title of Experiment:**

2. **Principal Investigator:**

Mailing Address:

Affiliation:

Phone: ()

FAX: ()

Email:

3. **Abstract:**

4. A. Indicate beamlines in order of preference and names of beamline staff members you may have contacted.

B. Indicate additional beamlines required for your experiment proposal.

5. **BEAMTIME REQUIREMENTS**

- A. I would like beamtime in the following cycle: ☐ April-Sep ☐ Oct-Mar
(submission deadline is Dec. 1) (submission deadline is Jun. 1)
- B. Estimate the minimum number of eight-hour shifts required, per beamline requested, during the next scheduling period (that for which you are presently requesting time):
beamline #____ shifts required____
beamline #____ shifts required____
- C. Estimate the total number of eight-hour shifts required to complete the entire program proposed:
_____ shifts.

6. **COWORKERS.** List names and affiliations of all members of your team who will work at the ALS.

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

7. **EXPERIMENT REQUIREMENTS**

Wavelength/Energy Range: _____ Spot size on Sample: _____

Resolution: Energy _____ Other: _____

Experimental Station: Providing own chamber? No ☐ Yes ☐.

If yes, describe sample chamber, samples, and their outgassing properties, special vacuum requirements, and any electromagnetic fields generated so that the effect on the ring and beamline vacuum and nearby beamlines can be evaluated.

8. **SAFETY/VACUUM**

List materials and equipment that you will insert into the beamline vacuum system.

Indicate requirements for special equipment or facilities. If a gas phase experiment is planned, please provide a schematic and description of the differential pumping or vacuum isolation scheme to be used.

HAZARDOUS MATERIALS: List all radioactive materials, toxic or explosive substances, or hazardous procedures and how they will be disposed of.

9. As Principal Investigator for this proposal, I certify that everything in this proposal is accurate and that my research team will abide by the rules and regulations at the Advanced Light Source. I also certify that the work described in the proposal is not proprietary and upon completion of research will be published in the open literature:

Spokesperson's Signature _____ Date _____

DESCRIPTION OF THE PROPOSED EXPERIMENTS (1 - 3 pages max.)
